

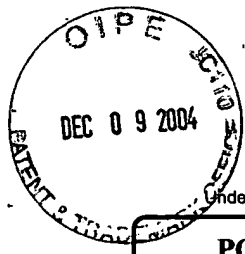
2155  
*Plaw*

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/844,098
	Filing Date	April 27, 2001
	First Named Inventor	Vadim Eydelman
	Group Art Unit	2155
	Examiner Name	Tran, Philip
	Attorney Docket Number	126551.05

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement with Form PTO/SB/08A (# pages) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Notice to File Missing Parts <input type="checkbox"/> A copy of the Notice to File Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) (# sheets) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Newly Executed (# pages) <input type="checkbox"/> A copy from a prior application (37 CFR 1.63(d)) (# pages) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Request for Corrected Filing Receipt <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1) One copy of the combined declaration 2) One copy of the assignment
Remarks		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-0463 for the above identified patent application.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	David S. Lee c/o MICROSOFT CORPORATION ONE MICROSOFT WAY REDMOND, WA 98052  Telephone: (425) 703-8092 Fax: (425) 936-7329
Signature	<i>David S. Lee</i> Registration No.: 38,222
Date	December 6, 2004

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]	
I hereby certify that this correspondence is being:	
<input checked="" type="checkbox"/> deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450	
<input type="checkbox"/> transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) _____	
Date	12-6-04
Signature	<i>Naemi Toxar</i>
Typed or printed name	



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## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number:

22971

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).


Assignee Name and Address:

Microsoft Corporation  
One Microsoft Way  
Redmond, WA  
98052

**A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.**

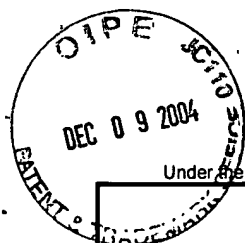
### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	10/11/04
Name	D. Bartley Eppenauer	Telephone	425-703-0645
Title	Assistant Secretary		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: VADIM Eydelman

Application No./Patent No.: 09/844,098 Filed/Issue Date: 4.27.2001

Entitled: AN ADAPTIVE FLOW CONTROL PROTOCOL

Microsoft Corporation, a Washington Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

12.6.04  
Date

425-703-0645

Telephone number

D. Bartley Eppenauer

Typed or printed name

Signature

Assistant Secretary

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED forms TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Leydig, Voit & Mayer, Ltd.  
Attorneys at Law  
Two Prudential Plaza  
Suite 4900  
180 North Stetson  
Chicago, Illinois 60601-6780

## ASSIGNMENT

WHEREAS, we Vadim Eydelman of 3036 173 Court NE, Redmond, Washington 98052 and Khawar M. Zuberi of 15406 NE 13<sup>th</sup> Place, Apartment 1803, Bellevue, Washington 98007 (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled AN ADAPTIVE FLOW CONTROL PROTOCOL as described and claimed in the specification forming part of an application for United States letters patent filed May 7, 2001 with application number 09/844,098;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, Washington 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention,

treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their

successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date 05/23/2001

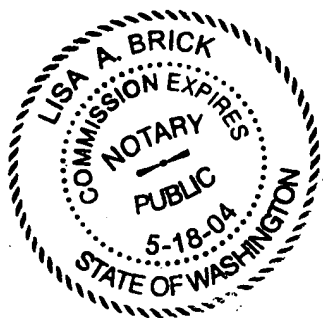
Vadim Eydelman  
Vadim Eydelman

STATE OF WA )  
COUNTY OF King ) SS:

On this 23 day of May, 2001, before me, a Notary Public in and for said county, appeared Vadim Eydelman, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Lisa A. Brick  
Notary Public

My Commission Expires: 5-18-04



Date 06/07/2001

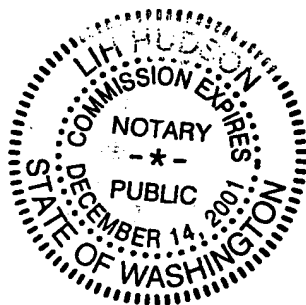
Khawar M. Zuberi  
Khawar M. Zuberi

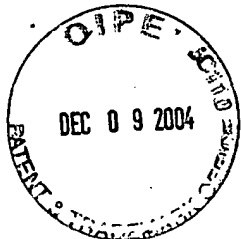
STATE OF Washington )  
COUNTY OF King ) SS:

On this 7<sup>th</sup> day of June, 2001, before me, a Notary Public in and for said county, appeared Khawar M. Zuberi, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Lih Hudson  
Notary Public

My Commission Expires: 12-14-2001





25-APP  
ACCT# 1245515  
APPLICATION

PATENT  
Attorney's Docket No. 208794

### COMBINED DECLARATION AND POWER OF ATTORNEY

As below named inventor, I hereby declare that

This declaration is of the following type:

- ☐ original ☐ design ☐ supplemental  
☐ national stage of PCT  
☐ divisional ☐ continuation ☒ continuation-in-part

My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### AN ADAPTIVE FLOW CONTROL PROTOCOL

the specification of which:

- ☐ is attached hereto.  
☒ was filed on April 27, 2001 as Serial No. 09/844,098 and was amended on \_\_\_\_\_ (if applicable).  
☐ was filed by Express Mail No. \_\_\_\_\_ as Serial No. not known yet, and was amended on \_\_\_\_\_ (if applicable).  
☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_ (if any).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

COUNTRY	APPLICATION	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119			
				YES		NO
				YES		NO
				YES		NO
				YES		NO

I hereby claim the benefit pursuant to Title 35, United States Code, § 119(e) of the following United States provisional application(s):

PRIOR U.S. PROVISIONAL APPLICATIONS CLAIMING THE BENEFIT UNDER 35 USC 119(e)	
APPLICATION NO.	DATE OF FILING
60/112,777	December 18, 1998
60/159,316	October 14, 1999

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120					
U.S. APPLICATIONS			Status (check one)		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
1. 09/453,781	December 3, 1999		X		
2.					
3.					
PCT APPLICATIONS DESIGNATING THE U.S.			Status (check one)		
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NOS. ASSIGNED (if any)	PATENTED	PENDING	ABANDONED
4.					
5.					
6.					

DETAILS OF FOREIGN APPLICATIONS FROM WHICH PRIORITY CLAIMED UNDER 35 USC 119 FOR ABOVE LISTED U.S./PCT APPLICATIONS				
ABOVE APPLN. NO.	COUNTRY	APPLICATION NO.	DATE OF FILING (day, month, yr)	DATE OF ISSUE (day, month, yr)
1.				
2.				
3.				
4.				



In re Application of Eydelman  
Application Number Unassigned

As a named inventor, I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Berton Scott Sheppard, Reg. 20922  
James B. Muskal, Reg. 22797  
Dennis R. Schlemmer, Reg. 24703  
Gordon R. Coons, Reg. 20821  
John E. Rosenquist, Reg. 26356  
John W. Kozak, Reg. 25117  
Charles S. Oslakovic, Reg. 27583  
Mark E. Phelps, Reg. 28461  
H. Michael Hartmann, Reg. 28423  
Bruce M. Gagala, Reg. 28844  
Charles H. Mottier, Reg. 30874  
John Kilyk, Jr., Reg. 30763  
Robert F. Green, Reg. 27555  
John B. Conklin, Reg. 30369  
James D. Zalewa, Reg. 27848  
John M. Belz, Reg. 30359  
Brett A. Hesterberg, Reg. 31837  
Jeffrey A. Wyand, Reg. 29458

Paul J. Korniczky, Reg. 32849  
Pamela J. Ruschau, Reg. 34242  
Steven P. Petersen, Reg. 32927  
John M. Augustyn, Reg. 33589  
Christopher T. Griffith, Reg. 33392  
Wesley O. Mueller, Reg. 33976  
Jeremy M. Jay, Reg. 33587  
Jeffrey B. Burgan, Reg. 35463  
Eley O. Thompson, Reg. 36035  
Mark Joy, Reg. 35562  
Allen E. Hoover, Reg. 37354  
David M. Airan, Reg. 38811  
Xavier Pillai, Reg. 39799  
Y. Kurt Chang, Reg. 41397  
Gregory C. Bays, Reg. 40505  
Carol Larcher, Reg. 35243  
Steven H. Sklar, Reg. 42154  
M. Daniel Hefner, Reg. 41826  
Daniel D. Crouse, Reg. 32022

Thomas A. Belush, Reg. 37090  
Kenneth P. Spina, Reg. 43927  
Song Zhu, Reg. 44420  
Andrew J. Heinisch, Reg. 43666  
Jeffery J. Makeever, Reg. 37390  
Salim A. Hasan, Reg. 38175  
Richard A. Wulff, Reg. 42238  
Jamison E. Lynch, Reg. 41168  
Vladan M. Vasiljevic, Reg. 45177  
Rattan Nath, Reg. 43827  
Robert M. Gould, Reg. 43642  
Len Smith, Reg. 43139  
Kevin L. Wingate, Reg. 38662  
David J. Schodin, Reg. 41294  
Paul L. Ahern, Reg. 17020  
Theodore W. Anderson, Reg. 17035  
Noel I. Smith, Reg. 18698  
Phillip M. Pippenger, Reg. 46055  
Katie E. Sako, Reg. 32628

I further direct that correspondence concerning this application be directed to Customer Number 23460.



**23460**

PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true, that all statements made on information and belief are believed to be true, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Vadim Eydelman

Inventor's signature *Vadim Eydelman*

Date 05/23/2001

Country of Citizenship: US

Residence: 3036 173 Court NE, Redmond, Washington 98052

Post Office Address: Same as above

Full name of second joint inventor: Khawar M. Zuberi

Inventor's signature *Khawar M. Zuberi*

Date 06/07/2001

Country of Citizenship: Pakistan

Residence: 15406 NE 13<sup>th</sup> Place Apartment 1803, Bellevue, Washington 98007

Post Office Address: Same as above

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